



# Calibration Certificate

Accredited Calibration



Calibration Lab  
Cert 2066.01

Cal Cert ID: 133018

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Cust. Name: WASHINGTON STATE PATROL  
Address: 2700 116TH STREET NE  
City: MARYSVILLE  
State/Zip: WA 98271 US

Instr SN: 4100060K/651371      Out1 Min Range: 8.0000 PSI      Cal Date: 02/04/2017  
Instr Descr: 2400      Out1 Max Range: 17.0000 PSI      Cal Time: 8:58 am  
Sensor SN: 4100060K/651371      Limit of Error: 0.000 %F.S.+ 0.030 % R      Cal Tech: PHILIP R  
Procedure ID: WI02063      Pressure Type: Absolute      Order Nbr: 16081

## Test Points Values and Readings

Test Point #	Reference Value PSI	Measured Values PSI	Error % R	Uncertainty PSI
1	8.00797	8.0078	-0.002	.00018
2	9.80750	9.8076	0.001	.00022
3	11.60706	11.6074	0.003	.00026
4	13.40663	13.4071	0.004	.00029
5	15.20627	15.2068	0.003	.00033
6	17.00580	17.0064	0.004	.00037
7	15.20618	15.2068	0.004	.00033
8	13.40658	13.4072	0.005	.00029
9	11.60701	11.6075	0.004	.00026
10	9.80751	9.8078	0.003	.00022
11	8.00797	8.0080	0.000	.00018

## Measurement Standards Used in Calibration

Std Type	Serial Number	Description	Assoc. Test Reports	Recal Date
CPD 8000	10017/10016/9994	DH CPD 8000	CAL ID: 119787	12/10/2018

The combined and expanded uncertainty is reported at K=2 providing an approximate 95% confidence level.

## Remarks and Notes

As Found Calibration.

As Left Calibration.

Recalibration Date: 02/04/2018

Prior to "AS FOUND" calibration, zero was adjusted +0.0057 PSI.

An asterisk (\*) denotes a measured condition where the error exceeds the maximum permissible error.

Dash numbers preceded by the sensor SN reference a primary (-1) or turndown (-2) range as applicable.

The standards and calibration program at Mensor complies with the requirements of ISO/IEC 17025:2005, ANSI/NCSL Z540-1 and Mensor Quality Manual 2.0, Revision R, dated March 10, 2015.

Standards used in this calibration are traceable to SI units of measurements through N.I.S.T. or recognized national metrology institutes. All calibrations are performed in ambient conditions of 23 +/- 4 deg C and 20-80% relative humidity. This calibration certificate shall not be reproduced, except in full, without the written approval of Mensor.



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I, Philip Romero, certify the accuracy of this Calibration Certificate:

A handwritten signature in black ink, appearing to read "Philip Romero", is written over a horizontal line.

Calibration Lab Coordinator

#### **Mensor Calibration Certificates and Stickers**

Mensor calibration certificates and stickers do not contain calibration intervals unless specified by the customer, as Mensor will not dictate to our customers when they should re-calibrate their instruments.

The Calibration Sticker that is with this product is for your records. Due to the various location requirements of our customers, we do not affix the Calibration Sticker to the product.

For Mensor products, refer to the Calibration Section of your operation manual for the recommended calibration interval.